# MITSUBISHI

# ENGINE 4D68 (E-W)

# WORKSHOP MANUAL

# FOREWORD

This Workshop Manual contains procedures for removal, disassembly, inspection, adjustment, reassembly and installation, etc. for service mechanics.

All information, illustrations and product descriptions contained in this manual are current as at the time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

### FILING INSTRUCTION

Please keep these manual pages in the binder No. BN890001.

File these pages according to the signs "Added", "Revised" and "Deleted" on the "List of effective pages" which are interpreted below.

#### Added:

File the pages with this sign additionally in your manual.

#### **Revised**, **Deleted**:

Replace the existing pages with the corresponding pages with this sign.

Missing sheets will be supplied upon request.



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Engine .....

# EXPLANATION OF MANUAL CONTENTS

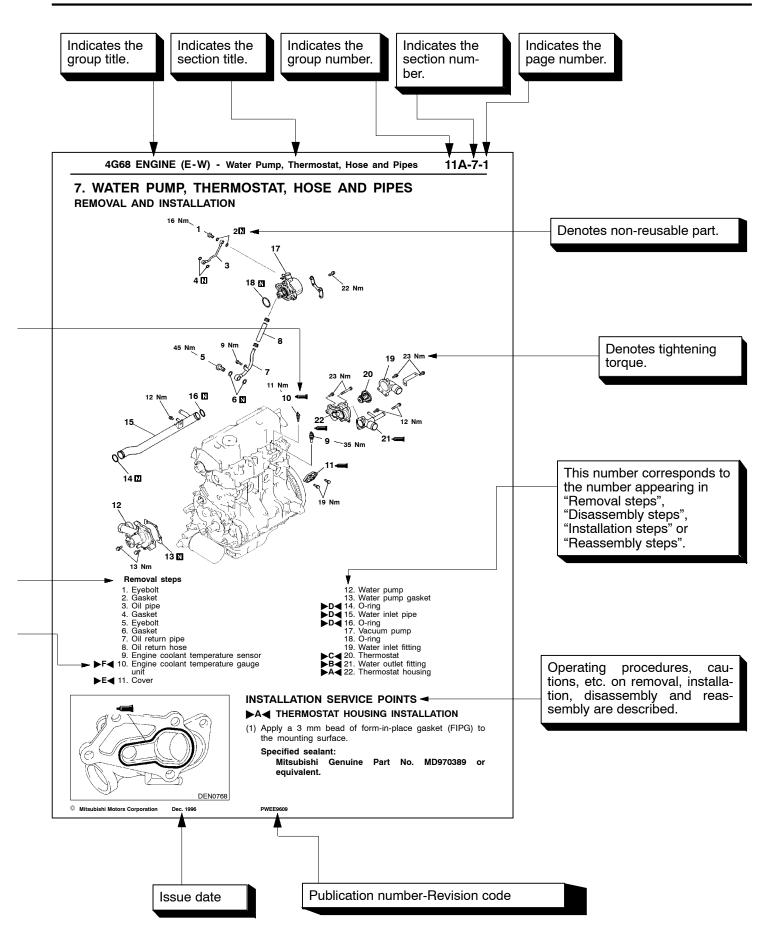
#### Maintenance and Servicing Procedures (1) A diagram of the component parts is Removal steps: provided near the front of each section in The part designation number corresponds to the number in the illustration to indicate order to give the reader a better understanding of the installed condition of removal steps. component parts. Disassembly steps: (2) The numbers provided within the diagram The part designation number corresponds indicate the sequence for maintenance and to the number in the illustration to indicate servicing procedures. disassembly steps. N : Indicates a non-reusable part. Installation steps: The tightening torque is provided where Specified in case installation is impossible applicable. in reverse order of removal steps. Omitted if installation is possible in reverse order of removal steps. Reassembly steps: Specified in case reassembly is impossible in reverse order of disassembly steps. Omitted if reassembly is possible in reverse order of disassembly steps. **Classification of Major Maintenance/Service Points** When there are major points relative to maintenance and servicing procedures (such as essential maintenance and service points, maintenance and service standard values, information regarding the use of special tools, etc.), these are arranged together as major maintenance and service points and explained in detail. **A** : Indicates that there are essential points for removal or disassembly. A : Indicates that there are essential points for installation or reassembly.

#### Symbols for Lubrication, Sealants and Adhesives

Information concerning the locations for lubrication and for application of sealants and adhesives is provided, by using symbols, in the diagram of component parts, or on the page following the component parts page, and explained.

- Sector : Grease (multipurpose grease unless there is a brand or type specified)
- Sealant or adhesive
- : Brake fluid, automatic transmission fluid or air conditioner compressor oil
- Engine oil or gear oil

## INTRODUCTION



## NOTES